



Application number 09/682,007 LeRoy David Dickson Art Unit 2872 1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number: 09/682,007
Application Filed: July 9, 2001
Applicant: LeRoy David Dickson
Title of Invention: Enhanced Volume Phase Grating with High Dispersion,
High Diffraction Efficiency and Low Polarization Sensitivity
Examiner: Audrey Y. Chang
Art Unit: 2872
Attorney Docket Number: 07032001

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Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO THIRD ADVISORY ACTION

Madam:

In response to the Advisory Action mailed November 5, 2002, and in response to the comments and recommendations made by the examiner in a subsequent telephone conversation, applicant is amending this application in the following manner. The specification is amended so that it now provides a complete and detailed recipe for the construction of an Enhanced Volume Phase Grating and includes a derivation of the two major design equations. The claims are amended so that they describe the invention in detail and provide the limitations of the invention. All equations and parameters in the claims are now supported and well defined in the amended specification. Nothing new has been added to either the claims or the specification. The amendments merely provide clarification of the concepts already developed and included in the original application.

Deletions are indicated by ~~strikethrough~~ and additions are indicated by underline. In addition to the amended version of the specification and the claims, a clean version of all pages amended in the specification is included as well as a clean version of all of the claims.

Applicant sincerely appreciates the helpful advice given by the examiner during the processing of this application.